

FIG. 1 (Prior Art)

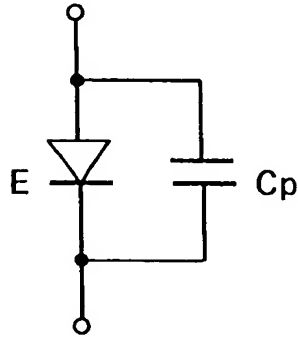


FIG. 2A

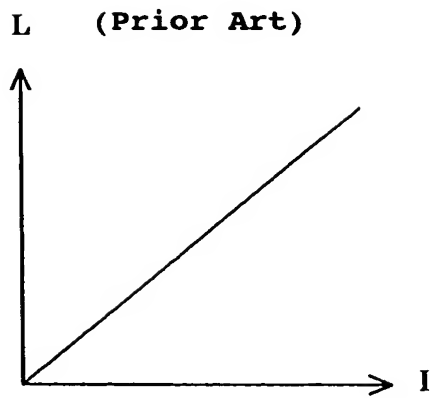


FIG. 2B

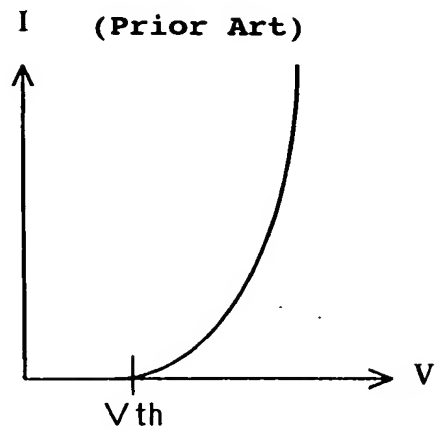


FIG. 2C

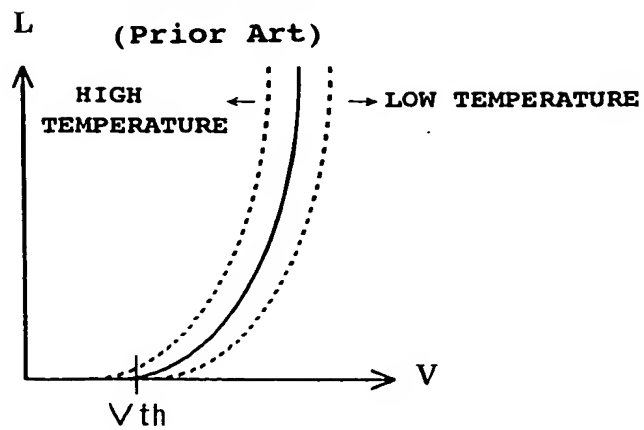


FIG. 3 (Prior Art)

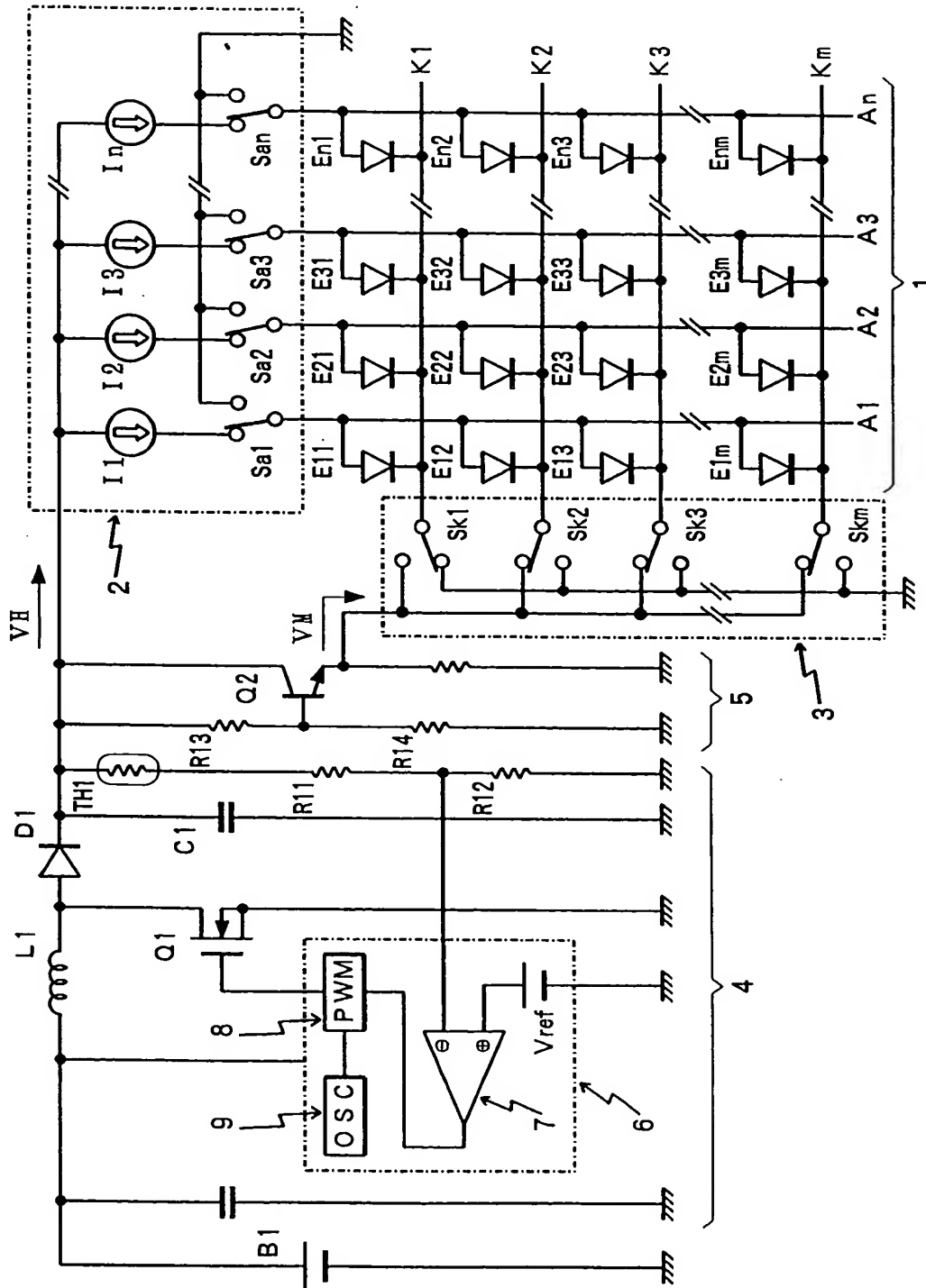


FIG. 4

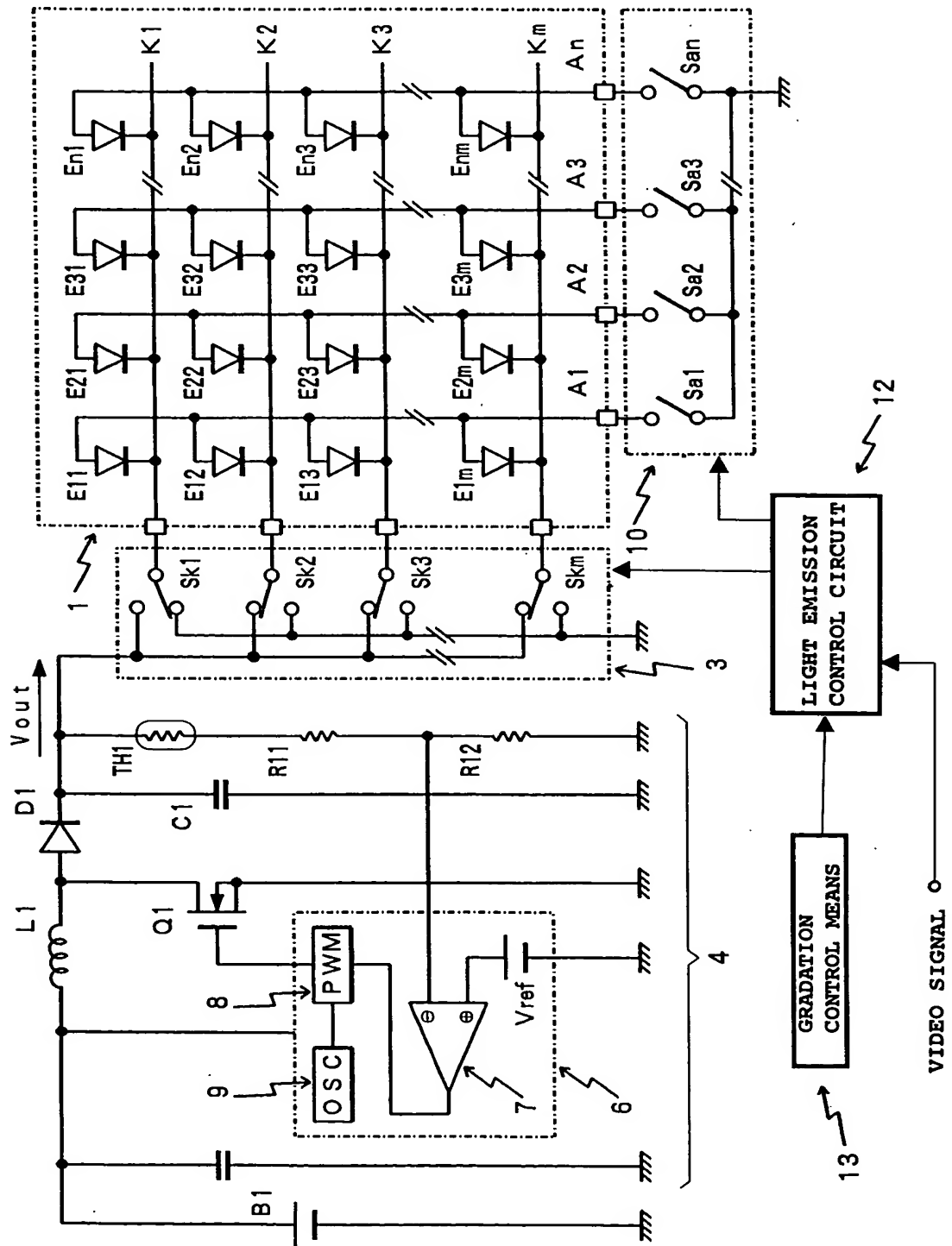


FIG. 5A

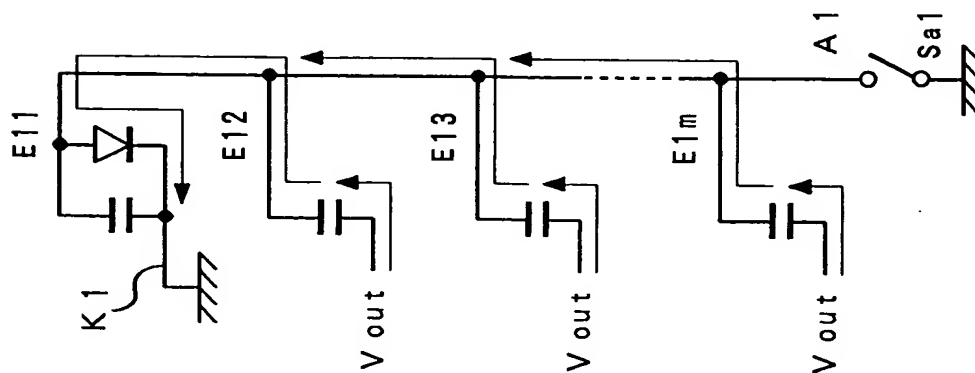


FIG. 5B

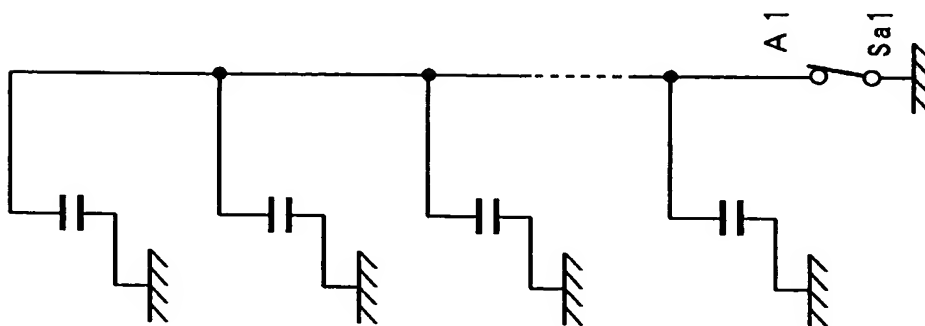


FIG. 5C

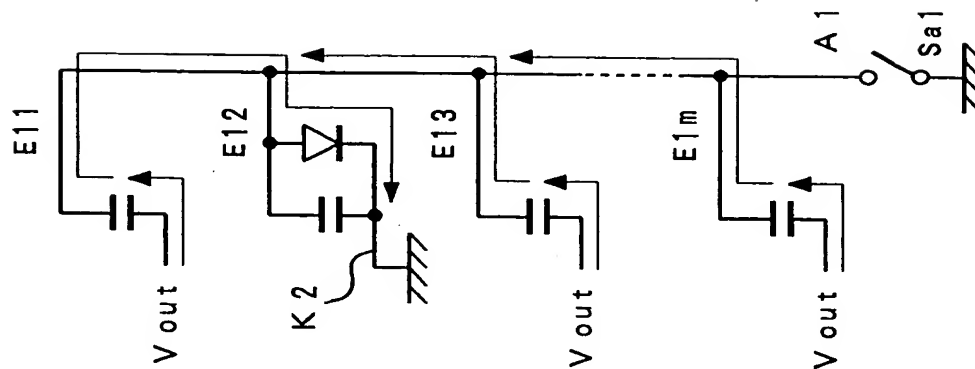


FIG. 6

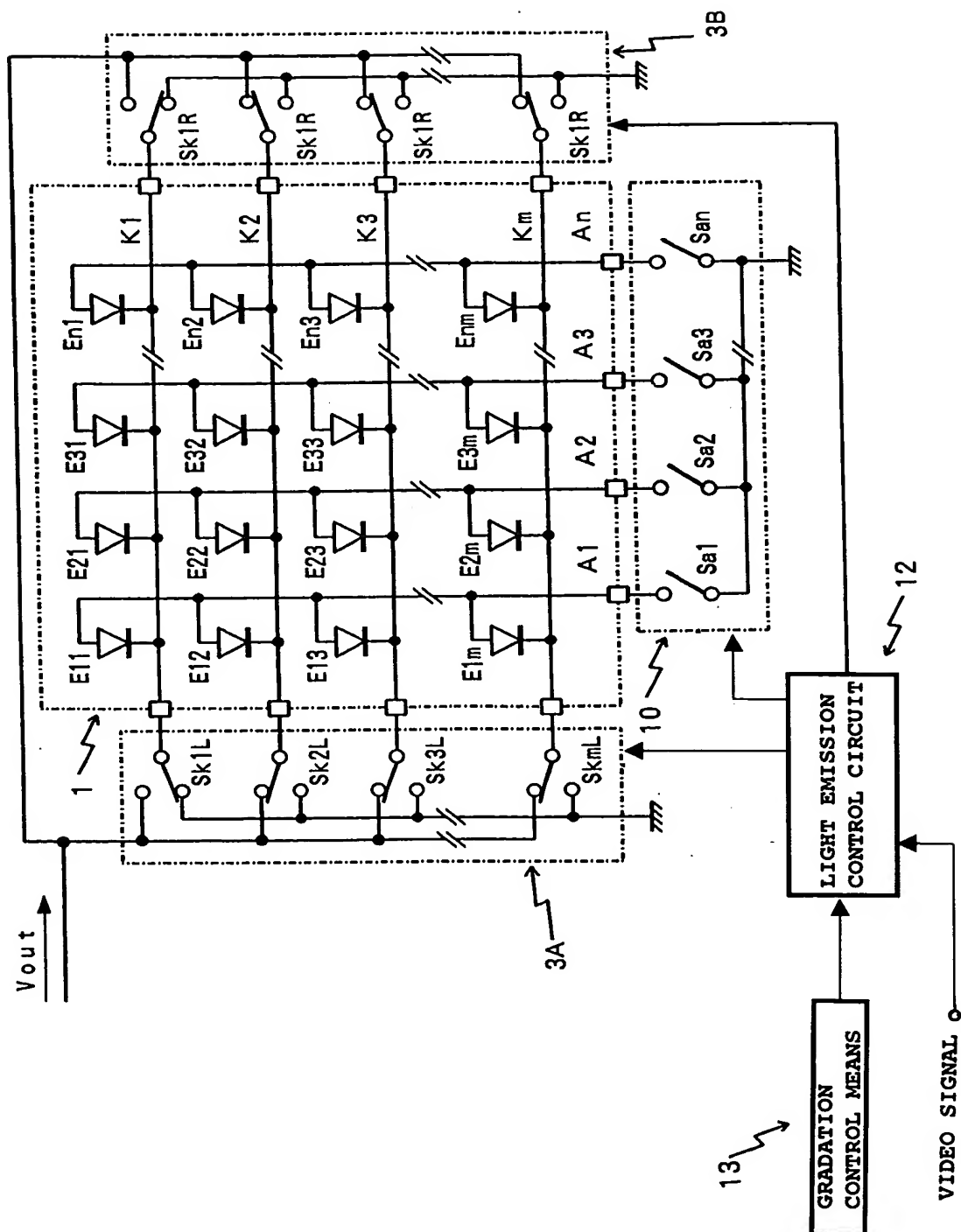


FIG. 7

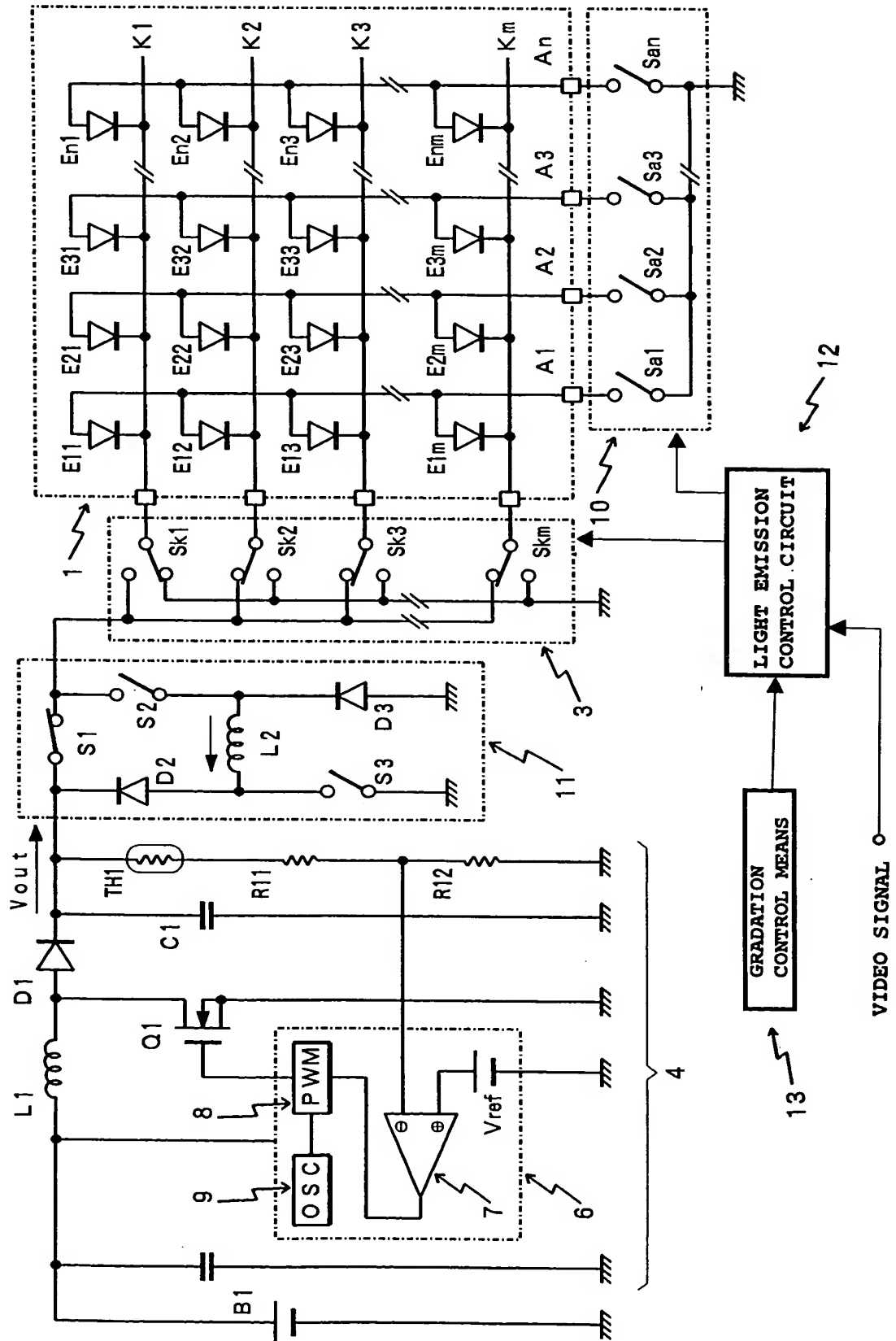


FIG. 8

SEQUENCE	S1	S2	S3	Sk1	Sk2	Sk3	Sk m	Sa1	Sa2	Sa3	San
1-1	ON	OFF	OFF	GND	Vout	Vout	Vout	OPEN	OPEN	OPEN	OPEN
1-2	OFF	ON	ON	Vout	Vout	Vout	Vout	GND	GND	GND	GND
1-3	OFF	OFF	OFF	Vout	Vout	Vout	Vout	GND	GND	GND	GND
2-1	ON	OFF	OFF	Vout	GND	Vout	Vout	OPEN	OPEN	OPEN	OPEN
2-2	OFF	ON	ON	Vout	Vout	Vout	Vout	GND	GND	GND	GND
2-3	OFF	OFF	OFF	Vout	Vout	Vout	Vout	GND	GND	GND	GND
3-1	ON	OFF	OFF	Vout	Vout	GND	Vout	OPEN	OPEN	OPEN	OPEN
3-2	OFF	ON	ON	Vout	Vout	Vout	Vout	GND	GND	GND	GND
3-3	OFF	OFF	OFF	Vout	Vout	Vout	Vout	GND	GND	GND	GND
m-1	ON	OFF	OFF	Vout	Vout	Vout	GND	OPEN	OPEN	OPEN	GND
m-2	OFF	ON	ON	Vout	Vout	Vout	Vout	GND	GND	GND	GND
m-3	OFF	OFF	OFF	Vout	Vout	Vout	Vout	GND	GND	GND	GND